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COUNCIL MEETING DATE: June 15, 1388

FROM : THE CITY MANAGER'S OFFICE

SUBJECT: EAST BAY MUNICIPAL UTILITY DISTRICT'S PROPOSAL TO TRANSPORT DELTA WATER  
TO CAMANCHE LAKE FOR RELEASE DOWN THE MOKELUMNE RIVER

RECOMMENDED ACTION: The City Council should take a position in opposition to the East Bay Municipal Utility District's (EBMUD) proposal to transport Delta water to Camanche Lake for release down the Mokelumne River and authorize the City Manager to take the necessary action to have the City's position known to the County Board of Supervisors, EBMUD, and the federal and state licensing agencies.


BACKGROUND INFORMATION: On Thursday, May 26, 1988 Council Member Olson, the City Attorney and Community Development Director attended a meeting in the Board of Supervisors Chambers to hear a presentation by Mr. C.T. "Ted" Way, Chief Engineer, EBMUD, on the above described proposal. At that meeting Mr. Way made the following points:

1. that EBMUD wanted to have the project on line by July 15, 1988;
2. that the last day to comment on this matter to the Army Corps of Engineers would be Tuesday, ~~May~~ 31, 1988; and
3. that EMBUD consider this project as an "emergency" under the National Environmental Protection Act (NEPA) and the California Environmental Quality Act (CEQA) and therefore no environmental documentation would be prepared.

Since there was no time to bring this matter before the City Council, the City staff corresponded with the Corps of Engineers expressing concerns about the project and objecting to the lack of environmental documentation.

Others present to hear Mr. Way's remarks included Supervisor Barber, area farmers, representatives from the Woodbridge Irrigation District and other water agencies. At the conclusion of the presentation, it was agreed that a unified effort to stop this project was necessary.

Attached is a portion of EBMUD's April 1988 "Water Supply Management Program - Summary". The discussion on Page 20, "Woodbridge Exchange" indicates the project has no benefit to W.I.D., raises significant concerns with fish and wildlife agencies and would have an adverse impact on the groundwater basin.

  
JAMES B. SCHROEDER  
Community Development Director

## Attachments

CITY COUNCIL

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JOHN R. (Randy) SNIDER  
Mayor Pro Tempore  
DAVID M. HINCHMAN  
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CITY OF LODI

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THOMAS A. PETERSON,  
City Manager  
ALICE M. REIMICHE  
City Clerk  
BOB McNATT  
City Attorney

May 27, 1988

Colonel Wayne E. Scholl, C.E.  
District Engineer  
Sacramento District  
650 Capitol Mall  
Sacramento, CA 95814

Dear Colonel Scholl

RE: Public Notice No. 9906 - East Bay Municipal Utility District


Enclosed is a copy of a Memorandum prepared by Jack L. Ronsko, Public Works Director for the City of Lodi, which we believe outlines our concerns with the proposal of the East Bay Municipal Utility District (EBMUD) to transport delta waters to Camanche Dam for release down the Mokelumne River.

On Thursday, May 26, 1988 Mr. C.T. "Ted" Way, Chief Engineer, EBMUD, as part of a presentation to concerned individuals and organizations in Stockton indicated that EBMUD's proposal was an "emergency" and therefore required no environmental documentation. This writer, as the Environmental Review Office for the City of Lodi, is strongly opposed to that position. The concerns outlined in Mr. Ronsko's Memorandum are sufficient to require an Environmental Impact Statement as defined in the National Environmental Protection Act or an Environmental Impact Report as outlined in the California Environmental Quality Act or both.

The City of Lodi is rather tardy in expressing our views on EBMUD's proposal because we learned about it through the news media. As of this date we have not received the official project description from EBMUD or any state or federal licensing agency.

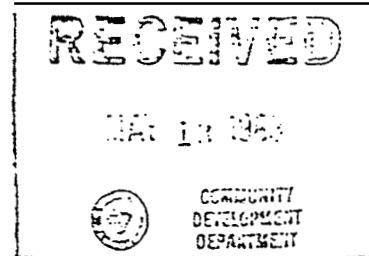
The City of Lodi requests that final environmental documentation be prepared on the proposed project and that the necessary public hearings be conducted. We would appreciate receiving notice of the time and place of such hearings.

Sincerely,

  
JAMES B. SCHROEDER  
Community Development Director

cc: City Attorney  
John Brooks, Bureau of Reclamation  
Dante 3. Nomellini, Attorney at Law  
George Barber  
Woodbridge Irrigation District  
State Water Resources Control Board,  
Environmental Section  
State Water Resources Control Board  
Attention Dave Cornelius

MEMORANDUM, City of Lodi, Public Works Department



TO: City Manager and City Council

FROM: Public Works Director

DATE: May 13, 1988

SUBJECT: EBMUD's Proposal to Transfer Delta Water to Camanche Reservoir  
for Release to Mokelumne River-

Through the attached recent newspaper article, the City of Lodi has become aware of the proposed pumping plan by East Bay Municipal Utility District. As a water purveyor, we can appreciate their concern about their need to **supply** their customers with good quality water. However, the City of Lodi must be equally concerned about supplying its 48,000 residents with good quality water. The water from the Mokelumne River bears a significant impact on the **recharging** of our groundwater table which is our sole water supply. The City's main concern **should be** the unknown and changing quality of the Delta water proposed for release into *the Mokelumne River*.

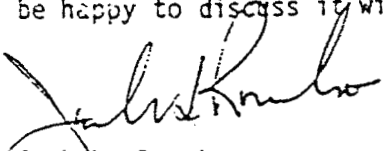
It is felt that the City should be taking a stand on this issue. Listed below are some of the areas that should be discussed.

1. Possible impact to the recharging of the Groundwater in the area of the Mokelumne River.
2. The 1938 EBMUD/City of Lodi court decree. Under certain conditions, i.e., the elevation of the groundwater in the Lodi area, EBMUD must provide the City with surface waters to augment our drinking water supply. Treating of this Delta water will **be** considerably more than the treating of natural Mokelumne River water runoff.
3. The quality of the water in Lodi Lake will also be affected. The City has an ongoing problem with the quality of the **swimming** area water. This proposal would only increase this problem.
4. The proposed project **may** also move water hyacinth from the Delta area to all reaches of the Mokelumne, including Lodi Lake. This would **not** only affect the **use** of the lake but could also cause a considerable expense to the City of Lodi.

It is felt that the **proposed** EBMUD pumping plan provides major **environmental** effects to the City of Lodi, the Woodbridge Irrigation District, and all property owners along the Mokelumne River. An evaluation should be made to the **need** for environmental documentation.

City Manager and City Council  
May 13, 1988  
Page 2

The City should take a stand on this issue in the near future and I would be happy to discuss it with you.



Jack L. Ronsko  
Public Works Director

JLR/ma

Attachment

cc: Community Development Director  
City Attorney  
Recreation and Parks Director  
Woodbridge Irrigation District, Attention: Mable Hall  
Jim Hansen

# EBMUD approves water plan

By PETER MELTON  
News-Sentinel staff writer

OAKLAND — The board of directors of East Bay Municipal Utility District approved a plan to pump water out of the Delta to satisfy agriculture contracts in Lodi and Woodbridge.

The directors' decision last week authorizes EBMUD to spend the required \$3 million to pump saltier Delta water 43 miles to the Camanche River, where it would be sent to Lodi area farmers — provided the project gets the necessary permits and the water meets federal standards.

That means less potable water in Pardee Reservoir will be released in the Mokelumne. EBMUD plans to send the additional fresh water to its Bay Area customers.

The EBMUD board approved the plan at about 1 a.m. Thursday as the final item in a

5½-hour public hearing at Oakland's Kaiser Center Auditorium. Between 400 and 500 people attended.

The \$3 million will buy the pumps and equipment needed to send water from Indian Slough, just west of the San Joaquin County line near Brentwood, to where the EBMUD aqueduct and Camanche Creek intersect.

The water will be pumped overland 43 miles and 370 feet uphill so it can flow to Camanche Reservoir — where it will then be sent down the Mokelumne River to the Woodbridge Irrigation District. WID has firm water contracts in the Mokelumne River which EBMUD must honor.

EBMUD presented its proposal to the WID board at its meeting April 12, but the board did not make a decision. WID directors probably will consider the proposal at the May 10

meeting.

WID Manager Mabel Hall said she has not heard concerns from any area farmers who soon may be irrigating their crops with Delta water containing more salts and other dissolved solids than water naturally flowing in the Mokelumne.

In addition to the capital costs, EBMUD's electricity bill has been estimated at \$170,000 a month. The utility hopes to get an extra 5,000 acre-feet of drinking water for its East Bay customers.

EBMUD is currently seeking permits from the Bureau of Reclamation, the California Department of Water Resources, the state Water Resources Control Board and the Army Corps of Engineers, which has a small charging project for the pipeline, according to Gayle Mon-

(Continued on Back Page)

(Continued from Page One)

gomery, EBMUD spokesman.

EBMUD liked the Delta project because the \$3 million will be used to complete the partially finished Dixler Pumping Plant at Indian Slough. The plant was originally conceived as a source of emergency water that could be sent to the East Bay if a Delta levee broke and wiped out the Mokelumne Aqueduct's three giant pipes.

The project will require six pumps, two of which are in place at the plant. Two other pumps will be rebuilt and another pair taken from another plant.

# WATER SUPPLY MANAGEMENT PROGRAM

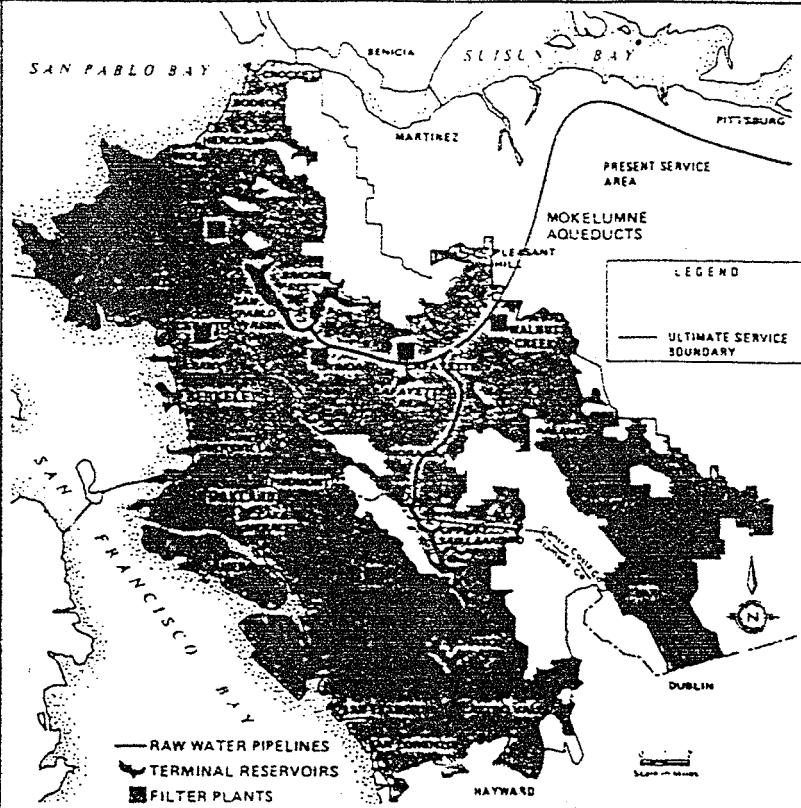


## SUMMARY

APRIL 1988

### KEY ISSUES AFFECTING WATER SUPPLY:

- SECURITY
- SHORTAGE
- SAFETY AND HEALTH



### PURPOSE

The East Bay Municipal Utility District for more than 58 years has provided a dependable supply of high quality water to meet the needs of the growing population in the East Bay service area. The water supply has been available even in times of drought and crisis---although there was drought rationing in 1977 and a close call in 1980 when flood waters threatened the three aqueduct pipelines in the Delta.

The District is developing a Water Supply Management Program to identify the actions and projects necessary to continue to provide a dependable water supply for meeting the needs of the cities, communities, and people it serves.

This Summary covers a technical report and a draft environmental impact report prepared for the Water Supply Management Program. As part of a continuing public review, comments are being solicited on the proposed program described in this Summary and in the reports.

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SEE BACK PAGE FOR MORE INFORMATION ABOUT PARTICIPATING IN THE PUBLIC REVIEW PROCESS

the water, facilities would have to be constructed from the Folsom South Canal to the Mokelumne Aqueducts. Implementation is currently delayed by the litigation and not considered an alternative at this time. The use of this supply will require the storage discussed in the Security section.

#### Interties with Other Agencies

The potential for interties with adjacent and nearby water supply systems of other agencies is discussed earlier in the Security section.

An intertie with San Francisco's Hetch Hetchy system would have no benefit in times of shortage during a drought when San Francisco also has deficiencies.

The Contra Costa Water District has a sufficient quantity of Delta water available under its USBR contract to provide some water to EBMUD in the event of a dry year shortage, but its quality is inconsistent with the treatment systems at EBMUD's major filter plants and its water quality policy. In the late fall of dry years Delta water quality is at its lowest—the extraordinary high chlorides can be in excess of 250 milligrams per liter and there are very high levels of bromides and organic contaminants from agricultural runoff.

The State Water Project pumps water from the southern Delta to Bethany Reservoir for the California Aqueduct and for the South Bay Aqueduct extending to southern Alameda County and Santa Clara County. As with the Hetch Hetchy source, a major transmission pipeline would be needed for a connection, and the quality of Delta water is inconsistent with EBMUD's treatment systems and water quality policy.

#### Delta Diversion

Water from the Delta is adequate in quantity, but its quality is inconsistent with EBMUD's treatment system and water quality policy. It is of significantly lower quality than the Mokelumne River, and there is a concern about future public health risks associated with contaminants. The water quality in the Delta is at its worst during dry

FIGURE 16. WOODBRIDGE EXCHANGE

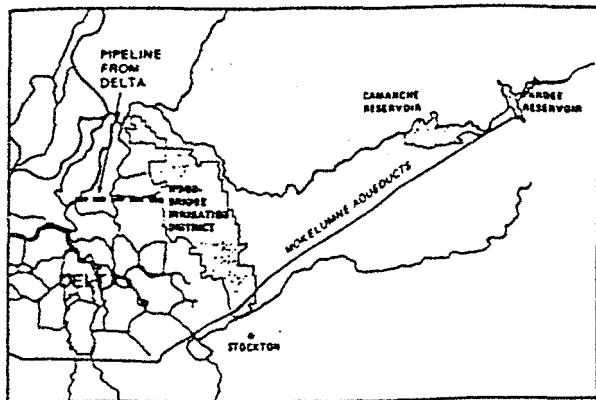
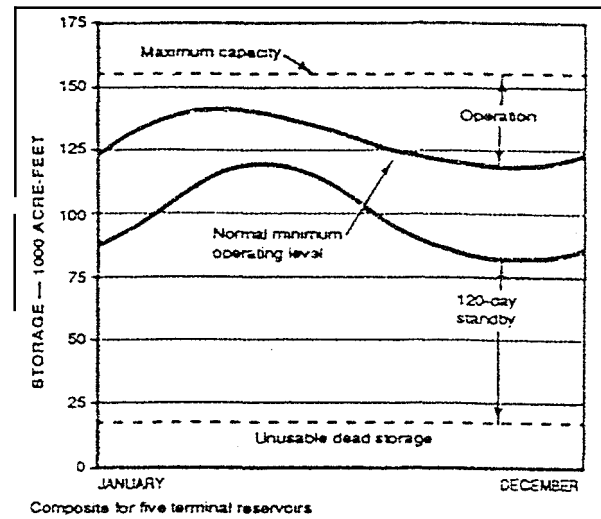


FIGURE 15. CURRENT USE OF TERMINAL STORAGE



periods when EBMUD's Mokelumne River supply is reduced. Furthermore, EBMUD's water treatment facilities and processes are based on using a high quality source of water and would require extensive capital improvements to treat Delta water (\$370 million). Even then, although safe, the treated water would be of lower quality. EBMUD used 25,000 acre-feet of Delta water during the last five months of the 1976-77 drought and experienced adverse effects. (See Experiences with Delta Water on Page 22.)

#### Woodbridge Exchange

Under EBMUD's agreements with the Woodbridge Irrigation District and the Woodbridge Water Users Conservation District, which recognize the relative rights to Mokelumne River water, EBMUD releases enough water from Camanche Reservoir so that a permanent supply of 29,000 to 60,000 acre feet per year (depending on inflow to EBMUD's reservoirs) is available for use by the Woodbridge districts, with additional releases until 1992 for an additional interim supply of 26,855 to 56,700 acre-feet per year. In the Woodbridge exchange concept, EBMUD would enter into an agreement to provide a water supply to those districts from the eastern Delta in dry years in exchange for a reduction in their use of Mokelumne River water. This could increase the amount of water available to EBMUD in those dry years. Approval of the State Water Resources Control Board would be required. However, this does not appear to be a feasible alternative because the resulting decrease in river flows below Camanche Reservoir would be a significant concern to the fish and wildlife agencies and would have an adverse impact on the groundwater basin. Furthermore, there would be no real benefit to the Woodbridge districts and they would have to accept lower quality Delta water.

**SUMMARY TABLE: PROPOSED WATER SUPPLY MANAGEMENT PROGRAM**

OBJECTIVE	PROGRAM	ACTION	CCST	TIMING
<b>SECURITY:</b> Protect against floods and earthquakes	Water Banking (additional terminal storage)	Construct new terminal reservoir (145,000 acre-feet)	\$152 to \$185 million	In service in 1995
	Levee and Foundation Improvements in the Delta	Continue repair, maintenance and upgrading of levees	\$8 million	Complete by 1991
		Preliminary engineering of levee reinforcement and pipeline supports	\$2 million	Complete by 1995
<b>SHORTAGE:</b> Supply to meet water demands in dry periods	Water Banking (additional terminal storage)	Construct new terminal reservoir (145,000 acre-feet)	\$152 to \$185 million	In service in 1995
	Water Conservation	Implement additional measures and continue existing program	\$0.6 million per year	Implement immediately
	Water Reclamation	Develop new reclamation projects and continue existing program	\$15 million	Implement immediately
<b>SAFETY AND HEALTH:</b> Maintain high quality water	Enhance Watershed Lands of Terminal Reservoirs	Purchase additional watershed lands to the ridgelines	\$20 million	Complete by 1995
	Treatment Improvement Program	Continue treatment plant modernization and improvements	1.5 million	Complete by 1992

## SCHEDULE

### Report Review Period

The review period for this summary, the technical report, and the Draft EIR will end on June 17, 1988. Copies of the technical report and the Draft EIR are available from the EBMUD Office of Planning, 2127 Adeline Street, Oakland, CA 94623, telephone number (415) 835-3000, ext. 557.

Submit written comments by June 77, 1988 to:

Richard L. Kolm  
Asst. Chief Engineer for Planning  
EBMUD, P. O. Box 24055  
Oakland, CA 94623

Public meeting conducted by staff:

Wednesday, May 18, 7:30 p.m.  
EBMUD ADMINISTRATION CENTER  
2130 Adeline Street (at West Grand Avenue)  
Oakland, California


Public hearing by EBMUD Board of Directors:

Wednesday, May 25, 7:30 p.m.  
KAISER CENTER AUDITORIUM  
300 Lakeshore Drive  
Oakland, California

## EBMUD BOARD DECISIONS

Preliminary conclusions of EBMUD staff regarding a proposed Water Supply Management Program are summarized in the chart at the top of this page. After extensive review of the technical findings and after considering public comment received through the review process described in the column at the left, the EBMUD Board will make a series of decisions:

1. Should the current Water Supply Availability and Deficiency Policy continue to assume 39 percent rationing in a repeat of a drought like 1976-77, with a voluntary reduction of 25 percent in the last half of the first year: or, is it more prudent to assume an improved level (25%) with no voluntary reduction in the first year?
2. What combination of acceptable and feasible conservation and reuse activities ... in addition to present efforts ... will provide a desirable increase in water use efficiency?
3. Is water banking with the construction of additional terminal storage the solution to the problems of security and shortage of the water supply?
4. If water banking is the solution, what amount of storage is needed and what specific project best meets that need?

<b>Board of Directors</b>		<b>Jerome B. Gilbert</b> General Manager	 <b>EAST BAY MUNICIPAL UTILITY DISTRICT</b> P. O. BOX 24055 • OAKLAND, CA 94623 • (415) 835-3000
<b>Sanford M. Skaggs</b> President	<b>Helen Burke</b> Jack Hill <b>Walter R. McLean</b> <b>Kenneth H. Simmons</b> <b>Mary Warren</b>	Board meetings open to the public are held at 1:15 p.m. the second and fourth Tuesdays of each month, Room 100, 2130 Adeline Street, corner of West Grand Avenue, Oakland.	



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CALIFORNIA  
DEPARTMENT OF  
WATER RESOURCES

THOMAS C. HOFFMAN  
10112 E. Woodbridge Rd.  
Acampo, California 95220  
(209) 369-8578

May 25, 1988

Colonel Wayne E. Scholl, C. E.  
District Engineer  
U. S. Army Corps of Engineers  
Sacramento District  
650 Capitol Mall  
Sacramento, California 95814

Re: Public Notice No. 9906

Dear Colonel Scholl,

We are writing to express our concern for and opposition to EBMUD's application to dredge *a* channel at the Bixler Pumping Plant. We oppose the intent of the project, namely, to augment EBMUD's supply of clean Sierra water from the Mokelumne watershed by exchanging it for Delta water, which they plan to pump to Camanche Reservoir.

As long time riparian landowners and grape growers in the Lodi District, we pump water directly from the river to irrigate our vines. In addition, we pump water from four wells within the confluence of the Mokelumne for both irrigation and for domestic use by the several families residing on the properties.

We anticipate that EBMUD's "emergency" project will have both immediate and long term adverse effects: introducing white *Sass* and water hyacinth into the reservoir and, thus, the river; introducing salts and organic compounds into the watershed that recharges the groundwater supply of several hundred thousand people; setting a precedent which might permit future exchanges. In fact, once the equipment is in place, what is to prevent EBMUD from pumping Delta water to Camanche Reservoir at any time, with no one the wiser?

Thus, this project could have adverse effects upon our crops, our wildlife, our recreation areas, and above all, upon all of us who live here.

We therefore respectfully request a full environmental review of the project and a public hearing. We also request that we receive notice of the time and place of such a hearing.

Yours very truly,

Robert M. Hoffman

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## Diversion From Delta

# Farmers Irate Over East Bay Water Plan

By Kathy Bodovitz  
Chronicle East Bay Bureau

Lodi residents, San Joaquin County farmers and some pesky water hyacinths are holding up a plan that would give the East Bay more water.

The dispute stems from century-old water rights that require the East Bay Municipal Utility District to serve not only its 1.1 million customers in Alameda and Contra Costa counties, but to supply farmers along the Mokelumne River, which EBMUD dammed to build its reservoirs.

Faced with the second worst drought in its history, EBMUD wants to save its pristine Sierra water for East Bay users and pump saltier delta water up to the farmers for their irrigation. The plan would not eliminate the need for rationing this summer, but would serve as an additional precaution in case next year is also dry.

However, the intended recipients of the delta water were outraged.

"It is absolutely, really uncalled for," said Mable Hall, manager of the Woodbridge Irrigation District. "Maybe if they turn some of those fountains off and swimming pools (in the East Bay), they wouldn't need to do this."

Their objections come from the high salt level of delta water. "It's very inferior-grade water," Hall said. "We are very dubious about what it's going to do to these crops," which include tomatoes, beans, asparagus, peaches, almonds, cherries and grapes.

Moreover, it is a question of rights. "The Woodbridge Irrigation District was on that river using that water long before (EBMUD) ever came there," Hall said. "One feels that that's our natural right. It shouldn't be taken away."

In Lodi, the city's 48,000 residents get their drinking water from local wells that are fed by the same

Mokelumne River water that flows to the farmers.

"We are very much opposed to the intrusion of that kind of water into our underground water supply," said Lodi City Manager Tom Peterson.

State Department of Fish and Game officials also are worried that the pumping operation would carry the extremely invasive water hyacinth from the delta up the Mokelumne River.

Although EBMUD officials are working to address those concerns, they still believe that their plan is a good one that would allow them to save high-quality Sierra water for drinking customers while continuing to meet obligations to the farmers.

EBMUD's chief engineer, Ted Way, noted that despite the farmers' fears, delta water serves many farms in both northern and Southern California.

### San Francisco Chronicle

Published every day by The Chronicle Publishing Co., 901 Mission Street, San Francisco, California 94103

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4-79-89

Tuesday  
June 7, 1988